HW#87: Intro to Trig – Sine & Cosine

Honors Geometry

Due: Thursday, March 3rd

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP:\_\_\_\_\_

FAILURE TO WRITE IN COMPELTE SENTENCES OR SHOW ALL WORK WILL RESULT IN LASALLE.

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| 1. Find each trigonometric ratio for the given right triangle.   A  sin A = \_\_\_\_\_\_  cos A = \_\_\_\_\_\_  B  C  tan A = \_\_\_\_\_\_ | 1. Find each trigonometric ratio for the given right triangle.   sin = \_\_\_\_\_\_  ɵ  13  12  cos = \_\_\_\_\_\_  5  tan = \_\_\_\_\_\_ |
| 1. An angle in a right triangle has a measure. If **tan =**, then sin= ? | 1. A shipping dock has a mobile ramp that is used to help load and unload cargo from trucks. The ramp is 125 inches long and has a base that is 120 inches long. What is the sine, cosine, and tangent of the angle made with the ramp and the ground? |

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